

FIG. 3

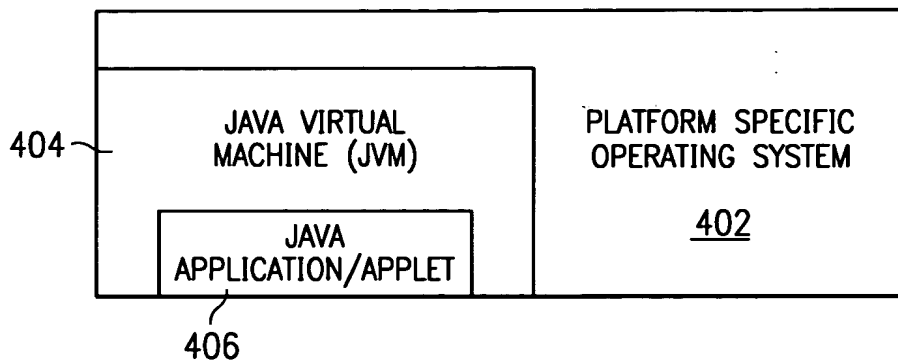


FIG. 4

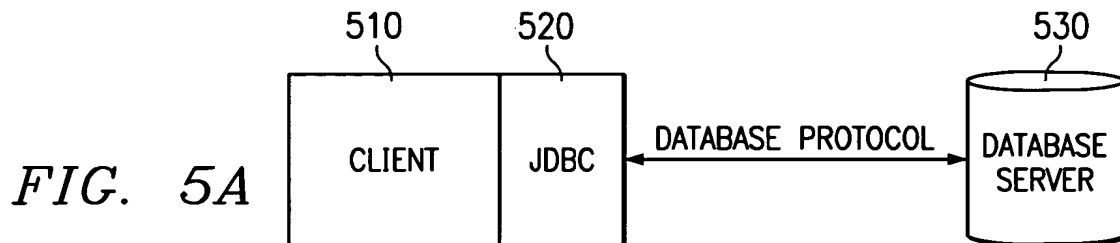


FIG. 5A

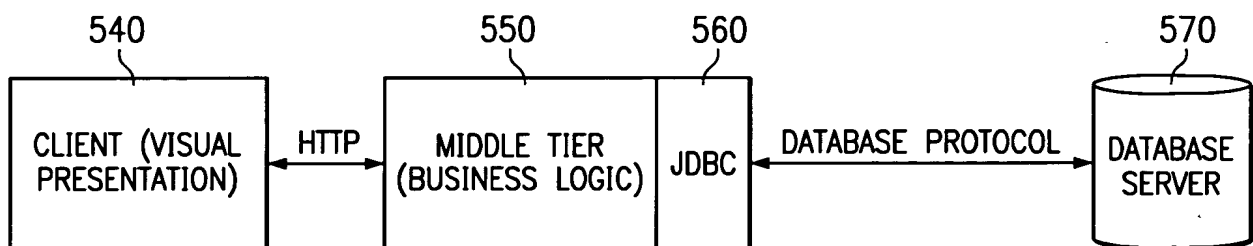


FIG. 5B

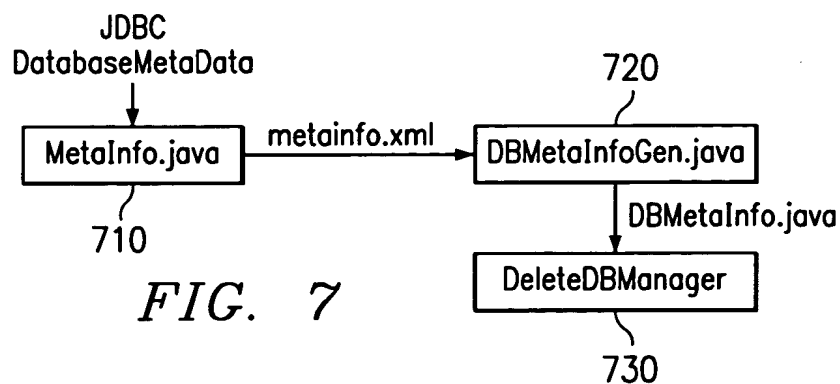


FIG. 7

Author_ID (PK)	NAME	URL
ADAM	ADAMS, JOHN	http://...
APON	APONE, KEVIN	http://...
⋮	⋮	⋮

610

600

FIG. 6

ISBN (PK)	Author_ID	Seq_No
0-08-882-111-4	ADAM	1
0-07-456-432-1	APON	4
⋮	⋮	⋮

620

TITLE	ISBN (PK)	Publisher_ID	URL	PRICE
BEYOND THE ARTIC	0-08-882-111-4	00989	http://...	27.95
GUIDE TO JAVA	0-07-456-432-1	01432	http://...	15.00
⋮	⋮	⋮	⋮	⋮

630

FIG. 9

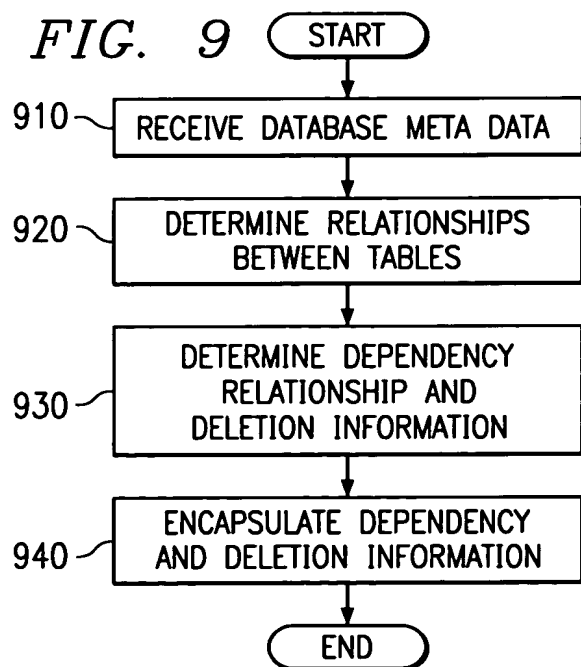
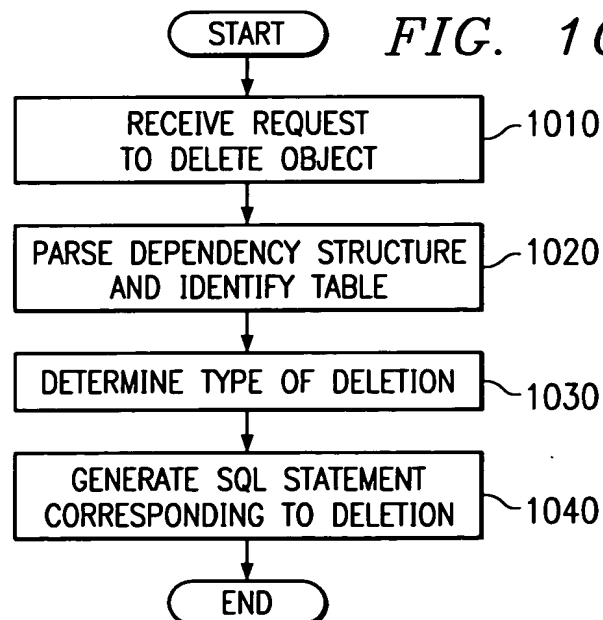


FIG. 10



APPROVED	C.E. F.G.
BY	CLASS: SUBCLASS
DRAFTSMAN	707 100

XML Dependency MetaInfo

```

<Table name="Author">
  <PrimaryKey>
    <Field name="Author_ID" type="VARCHAR2"></Field>
  </PrimaryKey>
  <Dependent Name="BookAuthor">
    <ForeignKey>
      <Attribute pos="1">
        <Parent>Author_ID</Parent>
        <Child>Author_ID</Child>
      </Attribute>
    </ForeignKey>
    <Delete_Action>NULLIFY COLUMNS</Delete_Action>
  </Dependent>
</Table>

```

810

```

<Table name="BookAuthors">
  <PrimaryKey>
    <Field name="ISBN" type="VARCHAR2"></Field>
  </PrimaryKey>
  <Dependent name="Book">
    <ForeignKey>
      <Attribute pos="1">
        <Parent>ISBN</Parent>
        <Child>ISBN</Child>
      </Attribute>
    </ForeignKey>
    <Delete_Action>CASCADE DELETE</Delete_Action>
  </Dependent>
</Table>

```

820

```

<Table name="Book">
  <PrimaryKey>
    <Field name="ISBN" type="VARCHAR2"></Field>
  </Primary>
</Table>

```

830

FIG. 8A

```

<Table_Definition>
  <Table name="ACL">
    <PrimaryKey>
      <Field name="ACLNAME" type="VARCHAR2"></Field>
    </PrimaryKey>
    <Dependent name="ACL_ENTRY">
      <ForeignKey>
        <Attribute pos="1">
          <Parent>ACLNAME</Parent>
          <Child>ACLNAME</Child>
        </Attribute>
      </ForeignKey>
      <Delete_Action><CASCADE DELETE</Delete_Action>
      <Delete_Constraint>unauthenticated = 0</Delete_Constraint>
    </Dependent>
  </Table>
  <Table name="ACL_ENTRY">
    <PrimaryKey>
      <Field name="ACLNAME" type="VARCHAR2"></Field>
      <Field name="ELEMENTNAME" type="VARCHAR2"></Field>
    </PrimaryKey>
    <Dependent name="PERMISSIONROLEMAP">
      <ForeignKey>
        <Attribute pos="1">
          <Parent>ACLNAME</Parent>
          <Child>ACLNAME</Child>
        </Attribute>
        <Attribute pos="2">
          <Parent>ELEMENTNAME</Parent>
          <Child>ELEMENTNAME</Child>
        </Attribute>
      </ForeignKey>
      <Delete_Action><CASCADE DELETE</Delete_Action>
    </Dependent>
  </Table>
  <Table name="PERMISSIONROLEMAP">
    <PrimaryKey>
      <Field name="ACLNAME" type="VARCHAR2"></Field>
      <Field name="ELEMENTNAME" type="VARCHAR2"></Field>
      <Field name="MGMTSRVID" type="VARCHAR2"></Field>
      <Field name="ROLEID" type="NUMBER"></Field>
    </PrimaryKey>
  </Table>

```

870

880

890

FIG. 8B